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Date: April 2, 2001

Docket No.: 004600/USA/TCG/ORION/LE

## BOX PATENT APPLICATION

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

As authorized by the inventor(s), transmitted herewith for filing is a patent application applied for on behalf of the inventor(s) according to the provisions of 37 C.F.R. § 1.41(c).

Inventor(s): LEDOUX, Robert Joseph; BOISSEAU, Raymond Paul;  
NETT, William Philip

For: METHOD AND SYSTEM FOR CONTROLLING BEAM SCANNING IN  
AN ION IMPLANTATION DEVICE

Enclosed are:

- ☒ A specification consisting of Twenty-Four (24) pages
- ☒ Four (4) sheet(s) of formal drawings
- ☒ Applicant does not claim priority
- ☐ Applicant claims the right of priority based on Appl. No(s).  
filed in on .
  - ☐ Certified copy(ies) is(are) attached hereto.
  - ☐ Certified copy(ies) will follow.
- ☒ Executed Declaration in accordance with 37 C.F.R. § 1.64  
will follow (Unexecuted Declaration enclosed herewith)

- ☐ Applicant claims small entity status under 37 C.F.R. § 1.27  
☐ Preliminary Amendment  
☐ Application Data Sheet in accordance with 37 C.F.R. § 1.76  
☐ Information Disclosure Statement, PTO-1449 and reference(s)  
☒ Other: Information Sheet  
☐ Applicant requests early publication - \$300.00 publication fee  
☐ Non-publication Request and Certification under 35 U.S.C. § 122(b)(2)(B)(i)

The filing fee has been calculated as shown below:

			LARGE ENTITY	SMALL ENTITY
BASIC FEE			\$710.00	\$355.00
	NUMBER FILED	NUMBER EXTRA	RATE FEE	RATE FEE
<b>TOTAL CLAIMS</b>	9-20=	0	x 18 = \$0.00	x 9= \$0.00
<b>INDEPENDENT CLAIMS</b>	5-3=	2	x 80 = \$160.00	x40= \$0.00
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED			+ \$270.00	+ \$135.00
<b>TOTAL</b>				\$0.00

- ☒ The application transmitted herewith is filed in accordance with 37 C.F.R. § 1.41(c). The undersigned has been authorized by the inventor(s) to file the present application. The original duly executed declaration together with the surcharge will be forwarded in due course.  
☒ There are no fees enclosed  
☐ Please charge Deposit Account No. 02-2448 in the amount of \$0.00. A triplicate copy of this transmittal form is enclosed.

☒ Please send correspondence to:

Robert Mulcahy, Esq.  
Patent Counsel  
Legal Affairs Dept.  
Applied Materials, Inc.  
Box 450A  
Santa Clara, CA 95052

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By

  
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JAC/pf  
1028-0171P

Attachments

(Rev. 02/23/01)